

ABSTRACT

A starter for cranking an internal combustion engine includes an electric motor for driving a pinion gear of the starter. The rear end of the electric motor is covered with a rear end frame having a bearing holder formed thereon. To protect the bearing holder from external force applied to the rear end frame, a rear end cover having an upper plate is connected to the rear end frame. The upper plate of the rear end cover is positioned to form a certain space between the rear end frame and the upper plate. The rear end cover may be connected to the rear end frame by utilizing bolt heads of a pair of through-bolts fastening the electric motor to a front housing and the rear end frame.